

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-205017

(43)Date of publication of application : 30.07.1999

(51)Int.Cl.

H01Q 1/24

H01Q 1/40

H01Q 9/30

H01Q 11/08

(21)Application number : 10-006807

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(22)Date of filing : 16.01.1998

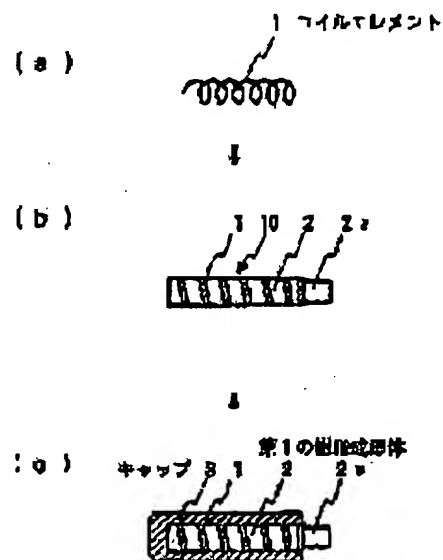
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(54) ANTENNA FOR PORTABLE RADIO EQUIPMENT, PRODUCTION THEREOF AND POWER FEEDING STRUCTURE FOR THE ANTENNA

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an antenna reducing the number of parts and man-hours for assembly by charging a first resin molding on the inner peripheral side of a coil element, molding it integrally with the coil element and integrally molding the coil element, first resin molding and cap while covering the outer periphery of the coil element.

SOLUTION: Resin is charged on the inner peripheral side of a coil element 1 and the coil element 1, and a first resin molding 2 are integrally molded so that a bobbin assembly 10 is formed. Around that bobbin assembly, a cap 3 is further provided as the second resin molding integrally molded by the resin so that the antenna can be constituted. As a component, only the coil element 1 is prepared and afterwards, the helical antenna is formed only with the resin molding based on resin molding using a metal die. For the coil element 1, a piano wire and copper wire, phosphor bronze wire or band-shaped body is wound into coil shape.



LEGAL STATUS

[Date of request for examination]

04.08.1999

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[Date of sending the examiner's decision of rejection] 22.07.2003

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]